**1.** Which sequence of events correctly describes the destruction of pathogens in body tissues by phagocytic leucocytes?

A. Amoeboid motion → endocytosis → chemical recognition → enzymatic digestion

B. Chemical recognition → amoeboid motion → enzymatic digestion → endocytosis

C. Amoeboid motion → chemical recognition → enzymatic digestion → endocytosis

D. Chemical recognition → amoeboid motion → endocytosis → enzymatic digestion

**(Total 1 mark)**

**2.** Which of the following best describes antibodies?

A. Made by phagocytes and specific to one antigen

B. Made by lymphocytes and specific to one antigen

C. Made by leucocytes and non-specific

D. Made by phagocytes and non-specific

**(Total 1 mark)**

**3.** (a) State the difference between an antigen and an antibody.

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**(1)**

(b) Explain antibody production.

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**(3)**

(c) State **two** other substances, apart from antibodies, transported by the blood.

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**(1)**

**(Total 5 marks)**

**4.** Explain the cause, transmission and social implications of AIDS.

**(Total 8 marks)**